|   | Index of Claims |          |               |            |           |           |           |           |              |              |                 |           |                 | Application/Control No. |                    |          |          |              |                   |                                  |          |            | Applicant(s)/Patent under Reexamination |         |              |           |          |                 |                |  |   |  |
|---|-----------------|----------|---------------|------------|-----------|-----------|-----------|-----------|--------------|--------------|-----------------|-----------|-----------------|-------------------------|--------------------|----------|----------|--------------|-------------------|----------------------------------|----------|------------|---|---------|--------------|-----------|----------|-----------------|----------------|--|---|--|
|   |                 |          |               |            |           |           |           |           |              |              |                 |           |                 |                         | 10/665,377         |          |          |              |                   |                                  |          |            |   |         | WELSH ET AL. |           |          |                 |                |  |   |  |
|   |                 |          |               |            |           |           |           |           |              |              |                 |           |                 |                         | Examiner           |          |          |              |                   |                                  |          |            |   |         | Art Unit     |           |          |                 |                |  |   |  |
|   |                 |          |               | <b>.</b>   |           |           |           |           |              |              | <br>            |           |                 |                         | D. Margaret Seaman |          |          |              |                   |                                  |          |            | 1625                                    |         |              |           |          |                 |                |  |   |  |
|   | √ R             |          |               |            |           |           | Rejected  |           |              | (            | (Through numera |           |                 |                         | d)                 |          | N        | No           | n-El              | ect                              | ed       |            | A                                       | Appeal  |              |           |          |                 |                |  |   |  |
|   |                 | =        | Allowed       |            |           |           |           | +         | Restricted   |              |                 |           |                 | ١                       | Interfere          |          | ren      | ce           | 0                 |                                  |          | Objected   |   |         |              |           |          |                 |                |  |   |  |
|   | Cla             |          |               |            | 0         | ate       |           |           |              | Claim        |                 |           |                 |                         | Date               | 9 :      |          | •            | [                 | Claim                            |          |            | Date                                    |         |              |           |          |                 |                |  |   |  |
|   | - R             |          |               | 010/82/010 |           |           |           |           |              | <sub>=</sub> | la l            |           |                 |                         |                    |          |          |              |                   |                                  | nal      |            |   |         |              |           |          |                 |                |  |   |  |
|   | Final           | Original | 9/30/08       |            | हिंदू     |           |           |           |              |              | Final           | Original  |                 |                         |                    |          |          | $\cdot$      |                   |                                  | Final    | Original   |   |         |              |           |          |                 |                |  |   |  |
|   | Ž               | 1        | Ξ             |            | Ŧ         | $\exists$ | $\exists$ | 1         | Ŧ            | $\Box$       |                 | 51<br>52  | П               | 1                       |                    |          |          | 7            | $\Box$            |                                  |          | 101        | П                                       | 1       | $\Box$       |           | 7        | $\Box$          | П              |  |   |  |
| • | 2               | 3        | =             | H          | ╫         | $\dashv$  | +         | +         | ╁            | H            | -               | 53        | ++              | +                       | +                  | $\dashv$ | $\dashv$ | +            | +                 |                                  |          | 102<br>103 | Н                                       | +       | H            | Н         | ╁        | +               | Н              |  |   |  |
|   | 7               | 4        | Ξ             |            | $\prod$   | $\exists$ |           | $\exists$ | 工            | 口            |                 | 54        | П               | 1                       | $\perp$            |          | П        | 1            | П                 |                                  |          | 104        | П                                       | 1       | П            |           | 7        |                 |                |  | • |  |
|   | 2               | <u>5</u> | =             | H          | ₩         | $\dashv$  | +         | +         | ╁            | H            | -               | 55<br>56  | ╁┼              | +                       | +                  |          | $\dashv$ |              | +                 |                                  |          | 105<br>106 | ⊢                                       |         | +            | $\dashv$  | ┽        | +               |                |  |   |  |
|   | Ž               | 7        | =             |            | $\coprod$ |           | コ         | 士         | 土            |              |                 | 57        |                 |                         |                    |          |          |              | П                 |                                  |          | 107        |   | 土       |              |           | 1        |                 |                |  |   |  |
|   | 8               | 8        | =             | Ц          | T         | -         | 4         | 4         | ╀            | Н            | -               | 58<br>59  | $\vdash$        | 4                       | +                  |          |          | -            | +                 |                                  |          | 108<br>109 | $\vdash \vdash$                         | +       | +            | $\dashv$  | 4        | -4-1            | Н              |  |   |  |
|   | 4               | 9        | 1             | $\vdash$   | 7         | $\dashv$  | +         | +         | ╁            | H            |                 | 60        | $\vdash$        | +                       | +-                 | $\neg$   | $\dashv$ | +            | +                 | H                                |          | 110        | H                                       | ╅       | H            | $\dashv$  | 十        | +               | Н              |  |   |  |
|   |                 | 11       | П             |            | $\exists$ |           | $\Box$    | 1         | $\perp$      | $\square$    |                 | 61        | П               | 1                       | $\Box$             |          |          | $\Box$       | $\Box$            | ֡֡֞֝֞֞֝֡֡֞֝֞֜֞֜֡֡֡֡֞֜֞֜֡֡֡֡֡֡֡֡֡ |          | 111        | П                                       | $\bot$  | П            | $\Box$    | $\Box$   | $\Box$          |                |  |   |  |
|   |                 | 12<br>13 | Н             | $\dashv$   | +         | 4         | $\dashv$  |           | +            | Н            | $\vdash$        | 62<br>63  | +               | +                       | +                  |          | $\dashv$ | +            | +                 | }                                |          | 112<br>113 | $\vdash$                                |         | +            | -         | +        | - -             |                |  |   |  |
|   |                 | 14       | Ш             |            | 1         | _         | 1         |           |              |              |                 | 64        |                 | 土                       |                    |          |          | 士            | 坦                 | lt                               |          | 114        |   |         |              |           | 士        |                 | П              |  |   |  |
|   | <u> </u>        | 15       | Ш             |            | 4         | 4         | 4         | 4         | +            | Н            |                 | 65        | $\sqcup$        | _                       | $\perp$            |          |          | -            | $\sqcup$          |                                  |          | 115        | Н                                       | _       | 1-1          |           | 4        | -               |                |  |   |  |
|   |                 | 16<br>17 | Н             | $\dashv$   | $\dashv$  | ┪         | ┪         | +         | ╫            | Н            | -               | 66<br>67  | $\forall$       | +                       | H                  |          | $\dashv$ | +            | +                 | . }                              | $\dashv$ | 116<br>117 | Н                                       | +       | ╁╌┧          | +         | $\dashv$ | +               | Н              |  |   |  |
|   |                 | 18       | Ш             |            | $\exists$ |           | コ         | 工         | 工            |              |                 | 68        | П               | 1                       |                    |          |          |              |                   |                                  |          | 118        |   |         |              | $\Box$    | 1        |                 | 口              |  |   |  |
|   | <u> </u>        | 19<br>20 | H             | $\dashv$   | -         | 4         | +         | 4         | +            | H            |                 | 69<br>70  | ╁┼              | ┿                       | 4-1                | $\dashv$ | $\dashv$ | +            | ╀┤                | -                                |          | 119<br>120 | $\vdash$                                | +       | +            | $\dashv$  | +        |                 | H              |  |   |  |
|   | -               | 21       | H             | $\dashv$   | 7         | 7         | +         | 十         | +            | Н            |                 | 71        | $\Box$          | ╁                       | 1                  |          |          |              | +                 | 1                                |          | 121        |   | $\top$  | +            | $\vdash$  | +        | +               | Н              |  |   |  |
|   |                 | 22       |               |            | $\Box$    | $\Box$    | $\Box$    | $\Box$    |              | $\Box$       |                 | 72        | П               | $\perp$                 | $\Box$             |          |          | $\bot$       | П                 |                                  |          | 122        |   | $\bot$  | П            | $\Box$    | 工        | $\perp$         |                |  |   |  |
| • | _               | 23<br>24 | Н             | $\dashv$   | $\dashv$  | $\dashv$  | +         | +         | ╁            | Н            | $\vdash$        | 73<br>74  | H               | +                       | +                  |          | $\dashv$ | +            | +                 |                                  |          | 123<br>124 | $\vdash$                                |         | H            | $\dashv$  | +        |                 | Н              |  |   |  |
|   |                 | 25       |               |            | コ         |           | ⋾         |           |              | 口            |                 | 75        | 口               |                         |                    |          |          |              | П                 |                                  |          | 125        |   |         |              |           | 二        |                 |                |  |   |  |
|   |                 | 26<br>27 | Н             | -          | 4         | 4         | 4         |           | +            | $\mathbb{H}$ | -               | 76<br>77  | $\vdash \vdash$ | +                       | +                  | $\dashv$ | -        | +            | +                 |                                  |          | 126<br>127 | $\vdash$                                | +       | +            | $\dashv$  | +        | - -             | Н              |  |   |  |
|   |                 | 28       | Н             | -+         | ┪         | +         | +         | $\dashv$  | +            | H            | $\vdash$        | 78        | $\vdash$        | 十                       | +                  | $\dashv$ | +        | +            | ╁┤                |                                  |          | 128        |   | +       | ╁┪           | $\dashv$  | +        | +               | Н              |  |   |  |
|   |                 | 29       |               | $\Box$     | $\Box$    | $\Box$    | $\Box$    |           | $\top$       |              |                 | 79        |                 |                         |                    |          |          | $\Box$       | $\Box$            | [                                |          | 129        |   | $\perp$ |              |           | $\Box$   |                 |                |  |   |  |
|   | -               | 30<br>31 | Н             |            | $\dashv$  | +         | $\dashv$  |           | ╫            | Н            | -               | 80<br>81  | ╁┼              |                         | +                  | $\dashv$ | $\dashv$ | +            | +                 | ŀ                                |          | 130<br>131 | $\vdash$                                | +-      | ╁┤           | $\dashv$  | +        | +1              | H              |  |   |  |
|   |                 | 32       |               |            |           |           | 1         |           | 士            |              |                 | 82        |                 | 士                       | $\Box$             |          |          | 士            | 世                 | l                                |          | 132        |   |         |              |           | 士        |                 |                |  |   |  |
|   |                 | 33       | Ц             | $\Box$     | 4         | 4         | 4         |           | $\bot$       |              |                 | 83        | $\vdash$        | 4                       | $\perp$            | $\Box$   | 4        | 4            | $\bot$            |                                  |          | 133        |   | 4       | $\dashv$     | $\dashv$  | 4        | -               | $\blacksquare$ |  |   |  |
|   |                 | 34<br>35 | Н             | -          | ┥         | $\dashv$  | ╁         | +         | +            | H            | <u> </u>        | 84<br>85  | ╁┼              | ╁                       | +                  |          | $\dashv$ | +            | +                 |                                  |          | 134<br>135 | $\vdash$                                | +       | ╁┤           | -         | +        | $\dashv$        | $\dashv$       |  |   |  |
|   |                 | 36       |               |            |           | 1         |           |           |              |              |                 | 86        |                 | 工                       | $\Box$             |          |          |              |                   |                                  |          | 136        |   |         |              |           |          |                 | □              |  |   |  |
|   |                 | 37<br>38 | Н             | 4          | 4         | 4         | 4         | +         | +            | $\vdash$     | <u> </u>        | 87<br>88  | H               | +                       | $\mathbf{H}$       | _        | $\dashv$ | +            | +                 |                                  |          | 137<br>138 | $\dashv$                                | -       | +            | +         | +        |                 | Н              |  |   |  |
|   | -               | 39       | Н             | $\dashv$   | +         | $\dashv$  | +         | +         | ╁            | H            | -               | 89        | H               | +                       | ${}^{+}$           | -        | 7        | +            | $\dagger \dagger$ |                                  |          | 139        | -                                       | +       | H            | $\dashv$  | $\dashv$ | $\dashv \dashv$ | Н              |  |   |  |
|   |                 | 40       |               |            | $\Box$    | $\Box$    | $\Box$    | $\Box$    | 工            |              |                 | 90        |                 |                         | $\Box$             | $\Box$   |          | $\Box$       | $\Box$            |                                  |          | 140        |   | I       |              | $\Box$    | 1        | $\Box$          |                |  |   |  |
|   |                 | 41<br>42 | ${\mathbb H}$ | $\dashv$   | $\dashv$  | $\dashv$  | +         | +         | +            | H            |                 | 91<br>92  | ╁               | +                       | +                  | $\dashv$ | $\dashv$ | +            | +                 |                                  |          | 141<br>142 | $\vdash \vdash$                         | +       | ╁┤           | $\dashv$  | +        | $\dashv$        | H              |  |   |  |
|   |                 | 43       | 日             |            | 士         | 士         | ╛         |           | $\perp$      | $\Box$       |                 | 93        | 世               | 士                       | 口                  | ╛        |          | 土            | 丗                 |                                  |          | 143        |   |         | $\Box$       | $\exists$ | 士        |                 |                |  |   |  |
|   |                 | 44       | $\Box$        | $\Box$     | $\Box$    | $\Box$    | I         | $\bot$    | $oxed{\Box}$ | Н            |                 | 94        | $\Box$          |                         |                    |          | $\Box$   |              |                   | ļ                                |          | 144        | $\Box$                                  |         |              | $\dashv$  | Ţ        | П               | $\Box$         |  |   |  |
|   | -               | 45<br>46 | H             | +          | $\dashv$  | +         | +         | +         | +            | H            | -               | 95<br>96  | H               | +                       | +                  | $\dashv$ | $\dashv$ | +            | +                 | 1                                |          | 145        | H                                       | +       | H            | $\dashv$  | +        |                 | H              |  |   |  |
|   |                 | 47       |               |            | I         | 1         | $\perp$   | 寸         | 工            | 口            |                 | 97        | 口               | #                       | 口                  | ⇉        | ヸ        | $\downarrow$ | $\Box$            |                                  |          | 147        |   | 士       | $\Box$       | 1         | 士        | $\Box$          |                |  |   |  |
|   |                 | 48       | $\dashv$      | $\dashv$   | $\dashv$  | 4         | $\dashv$  | 4         | +            | H            | -               | 98        | H               | +                       | ╁┤                 | 4        | $\dashv$ | - -          | +                 |                                  |          | 148        |   | +       | $\vdash$     | $\dashv$  | <u> </u> | +               | $\Box$         |  | • |  |
|   |                 | 49<br>50 | $\dashv$      | $\dashv$   | $\dashv$  | ┪         | +         | +         | +            | Н            | -               | 99<br>100 | $\vdash \vdash$ | +                       | ╅┥                 | $\dashv$ | $\dashv$ | +            | ╁┤                | ŀ                                |          | 149<br>150 | $\vdash \vdash$                         | +       | ╁┤           | +         | +        | +               | $\dashv$       |  |   |  |
|   |                 |          |               |            |           |           |           |           |              |              |                 |           |                 |                         |                    | _        |          |              |                   | _                                |          |            | _                                       |         |              | _         |          |                 |                |  |   |  |